

# PATENT ABSTRACTS OF JAPAN

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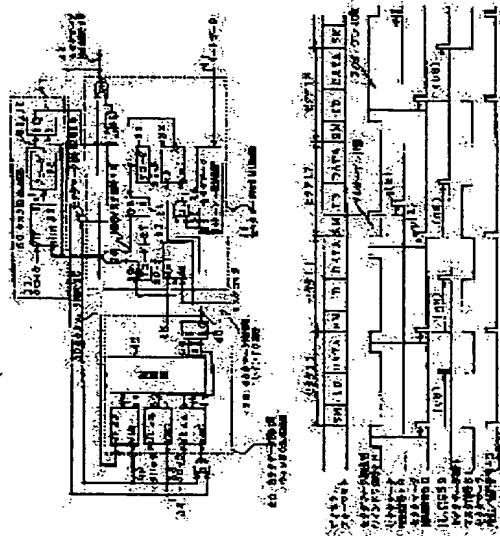
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## (54) OPTICAL DISK DEVICE

### (57)Abstract:

**PURPOSE:** To prevent two-time formation in one sector of a reference signal at the position of the start of the sector by setting a mask period for detecting a sector mark for a specified period after the execution of the interpolation of the sector mark when a window signal is made to be in an active state.

**CONSTITUTION:** A sector mark SM is not detected for the active period of a window signal 39 for detecting the sector mark and an interpolating signal 30 and a detection interpolating signal 49 are output in sectors 10-12. When the position of the mark SM is displaced, the count of clocks is started, and an SM detecting signal 29 is emitted when a discrete value is a specified value. On the other hand, a mask signal 61 is brought into an active state by the interpolating signal 30, and brought into an inactive by a fixed discrete value. The SM detecting signal 29 is masked through an AND gate 62 at the time of the active mask signal 61. Accordingly, the mask period of the SM detection interpolating signal 49 is set for a fixed period after the interpolation of the sector mark SM under the full-open state of the window signal 39 for detecting the SM, thus avoiding the two-time output of the detection interpolating signal 49 displaying the position of the start of the sector.



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